

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|------------------|---------|------------------|
| L1 | 7584 | driver near3 circuit.ti. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/09/04 12:31 |
| L2 | 0 | L1 and "372"/26cccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/09/04 12:32 |
| L3 | 14 | L1 and "372"/26.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/09/04 12:33 |
| L4 | 977 | "372"/26.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/09/04 12:33 |
| L5 | 514 | 4 AND circuit\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/09/04 12:33 |
| L6 | 202 | 4 AND driv\$3 near3 circuit\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/09/04 12:49 |
| L7 | 1 | (driver and circuit and bipolar near3 transistor\$1 and current near3 source and reference near3 voltage and capacitor and impedance and differential and supply near3 voltage and ac).clm. | US-PGPUB | OR | OFF | 2005/09/04 12:51 |
| S1 | 0 | (eom or (electro near3 optical near3 modulat\$3)) and driv\$3 and transistor\$1 and capacitor\$1 and current near3 source\$1 and voltage\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/09/01 16:20 |
| S2 | 67 | (eom or (electro near3 optical near3 modulat\$3)) and driv\$3 and transistor\$1 and capacitor\$1 and current near3 source\$1 and voltage\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/09/01 16:23 |

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| S3 | 20925 | driv\$3 near3 circuit\$1 and transistor\$1 and capacitor\$1 and current near3 source\$1 and voltage\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/09/01 16:22 |
| S4 | 4259 | driv\$3 near3 circuit\$1 and transistor\$1 with differential and capacitor\$1 and current near3 source\$1 and voltage\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/09/01 16:23 |
| S5 | 325 | driv\$3 near3 circuit\$1 and ((bipolar near3 transistor\$1) with differential) and capacitor\$1 and current near3 source\$1 and voltage\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/09/01 17:05 |
| S6 | 1 | driv\$3 near3 circuit\$1 and ((bipolar near3 transistor\$1) with differential) and capacitor\$1 and current near3 source\$1 and voltage\$1 and fast near3 swing | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/09/01 17:07 |
| S7 | 155 | driv\$3 near3 circuit\$1 and ((bipolar near3 transistor\$1) with differential) and capacitor\$1 and current near3 source\$1 and voltage\$1 and high near3 speed | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/09/01 17:09 |
| S8 | 0 | driv\$3 near3 circuit\$1 and ((bipolar near3 transistor\$1) with differential) and capacitor\$1 and current near3 source\$1 and voltage\$1 and fast near3 swing and giga near3 bit\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/09/01 17:08 |
| S9 | 0 | driv\$3 near3 circuit\$1 and ((bipolar near3 transistor\$1) with differential) and capacitor\$1 and current near3 source\$1 and voltage\$1 and high near3 speed and giga near3 bit\$2 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/09/01 17:08 |
| S10 | 0 | driv\$3 near3 circuit\$1 and ((bipolar near3 transistor\$1) with differential) and capacitor\$1 and current near3 source\$1 and voltage\$1 and high near3 speed and gbs | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/09/01 17:08 |
| S11 | 156 | driv\$3 near3 circuit\$1 and ((bipolar near3 transistor\$1) with differential) and capacitor\$1 and current near3 source\$1 and voltage\$1 and ((high near3 speed) or gb/s) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/09/01 17:14 |
| S12 | 6 | driv\$3 near3 circuit\$1 and ((bipolar near3 transistor\$1) with differential) and capacitor\$1 and current near3 source\$1 and voltage\$1 and gb/s | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/09/01 17:10 |

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| S13 | 150 | S7 not S12 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/09/01 17:14 |
| S14 | 2 | driver near3 circuit and bias near3 t near3 network | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/09/02 08:41 |
| S15 | 0 | driver near3 highe near3 speed | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/09/02 08:41 |
| S16 | 2597 | driver near3 high near3 speed | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/09/02 08:41 |
| S17 | 151 | driver near3 high near3 speed and differential near3 transistor\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/09/02 09:33 |
| S18 | 7578 | driver near3 circuit.ti. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/09/02 10:05 |
| S19 | 106 | S18 and modulator | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/09/02 09:54 |
| S20 | 74 | driver near3 modulator.ti. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/09/02 09:54 |
| S21 | 52 | S20 not S19 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/09/02 09:58 |
| S22 | 647 | S18 and "327"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/09/02 10:07 |

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| S23 | 7 | S18 and "359"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/09/02 10:05 |
| S24 | 75 | S18 and "372"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/09/04 12:31 |
| S25 | 3 | S18 and "320"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/09/02 10:06 |
| S26 | 1 | S18 and "332"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/09/02 10:06 |
| S27 | 126 | S18 and "361"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/09/02 10:06 |
| S28 | 82053 | driver near3 circuit\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/09/02 10:05 |
| S29 | 5337 | S28 and "327"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/09/02 10:05 |
| S30 | 924 | S28 and "359"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/09/02 10:05 |
| S31 | 692 | S28 and "372"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/09/02 10:05 |
| S32 | 239 | S28 and "320"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/09/02 10:06 |

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| S33 | 112 | S28 and "332"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/09/02 10:06 |
| S34 | 2027 | S28 and "361"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/09/02 10:06 |
| S35 | 1042 | S29 and transistor\$1 with differential | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/09/02 10:28 |
| S36 | 647 | S18 and "327"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/09/02 10:28 |
| S37 | 90 | S18 and "327"/\$.ccls. and transistor\$1 with differential | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/09/02 10:39 |
| S38 | 0 | S18 and "320"/\$.ccls. and transistor\$1 with differential | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/09/02 10:38 |
| S39 | 2 | S18 and "320"/\$.ccls. and transistor\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/09/02 10:39 |
| S40 | 3 | S18 and "320"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/09/02 10:39 |
| S41 | 1 | S18 and "332"/\$.ccls. and transistor\$1 with differential | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/09/02 10:48 |
| S42 | 1 | S18 and "332"/\$.ccls. and transistor\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/09/02 10:40 |

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| S43 | 1 | S18 and "332"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/09/02 10:41 |
| S44 | 112 | driver near3 circuit\$1 and "332"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/09/02 10:40 |
| S45 | 10 | S18 and "361"/\$.ccls. and transistor\$1 with differential | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/09/02 10:48 |
| S46 | 98 | S18 and "361"/\$.ccls. and transistor\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/09/02 10:59 |
| S47 | 51 | S18 and "372"/\$.ccls. and transistor\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/09/02 11:07 |
| S48 | 283 | 372/12.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/09/02 11:31 |
| S49 | 38 | S48 and driver | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/09/02 11:31 |
| S50 | 977 | 372/26.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/09/02 11:48 |
| S51 | 172 | S50 and driver | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/09/02 11:32 |
| S52 | 574 | 372/38.02.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/09/02 11:48 |

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| S53 | 298 | S52 and driver | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/09/02 11:48 |
| S54 | 182 | S52 and driver and transistor | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/09/02 11:49 |
| S55 | 188 | S52 and driver and transistor\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/09/02 11:59 |
| S56 | 136 | 327/65.ccls. and driver and transistor\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/09/02 11:59 |